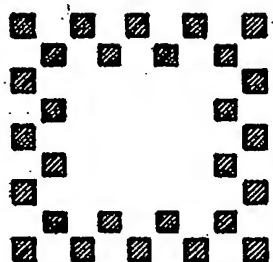


PRIOR ART

Fig. 1.
PERIMETER I/O



PRIOR ART

Fig. 2.
STAGGERED PERIMETER I/O

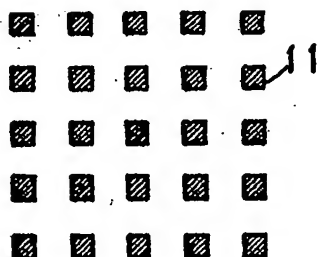


Fig. 3.
FULL ARRAY

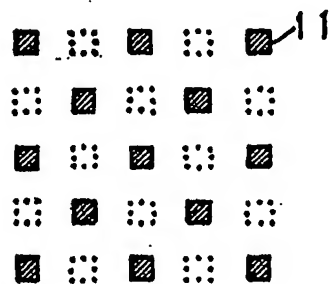


Fig. 4.
DEPOPULATED ARRAY

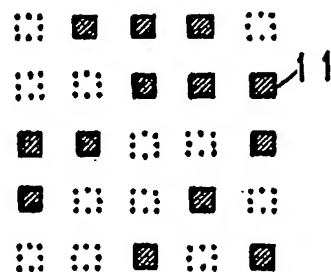


Fig. 5.
RANDOM ARRAY

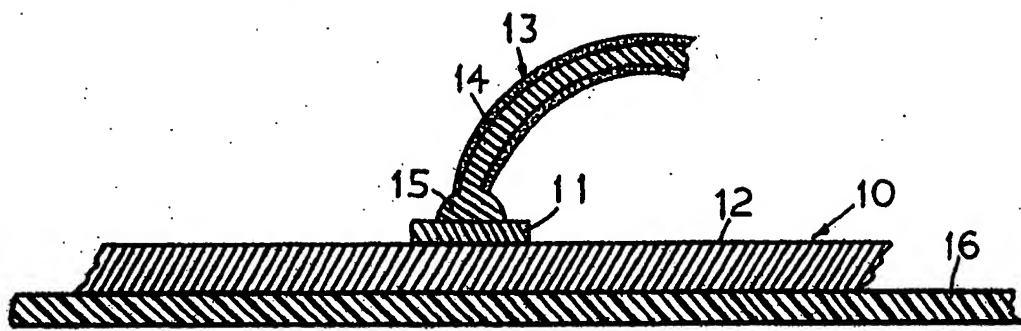


Fig. 6.

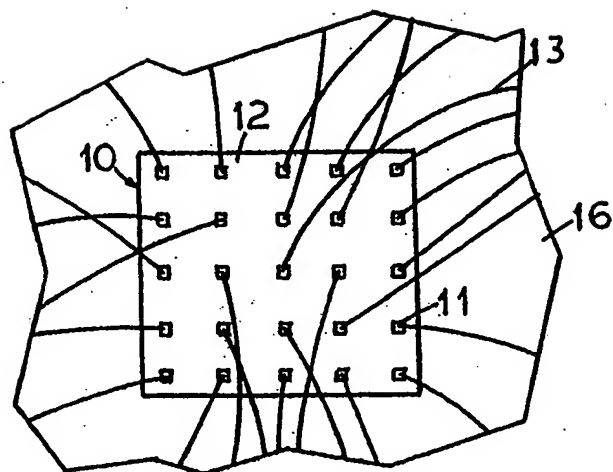


Fig. 7.

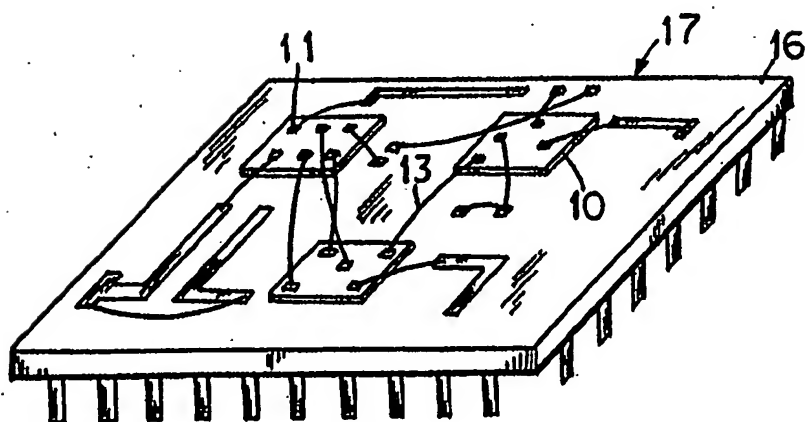


Fig. 8.

BEST AVAILABLE COPY

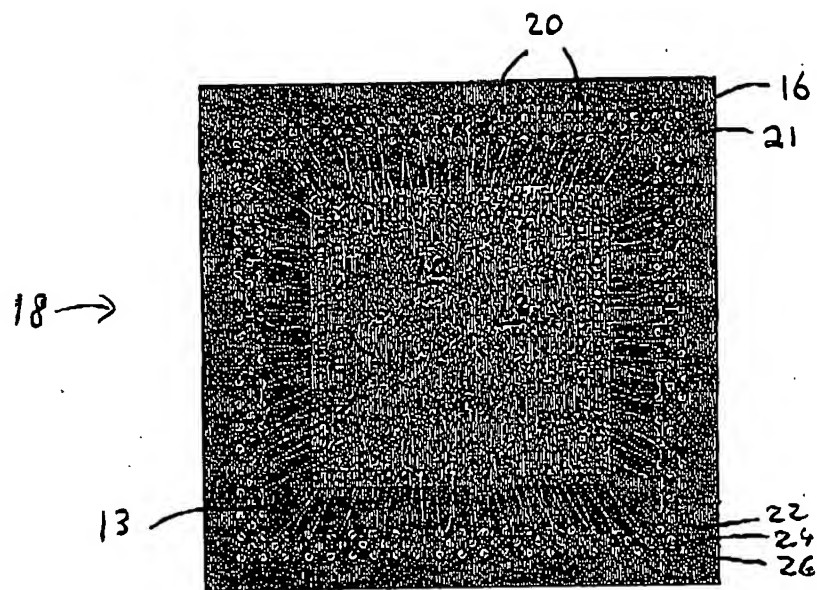


Fig. 9

BEST AVAILABLE COPY

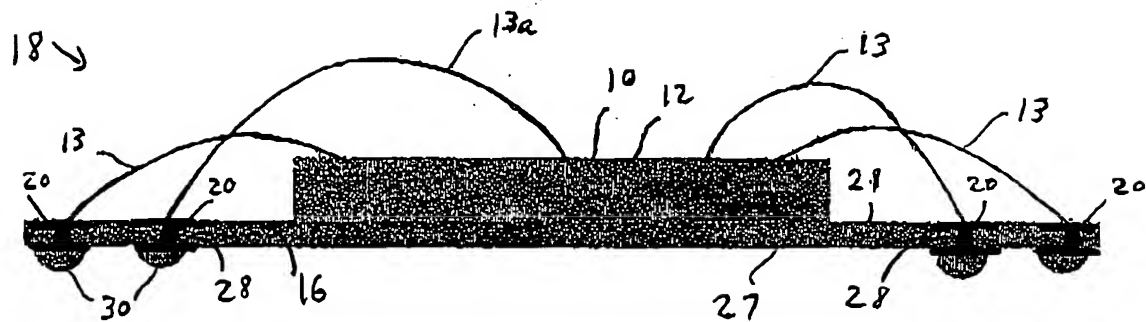


Fig. 10

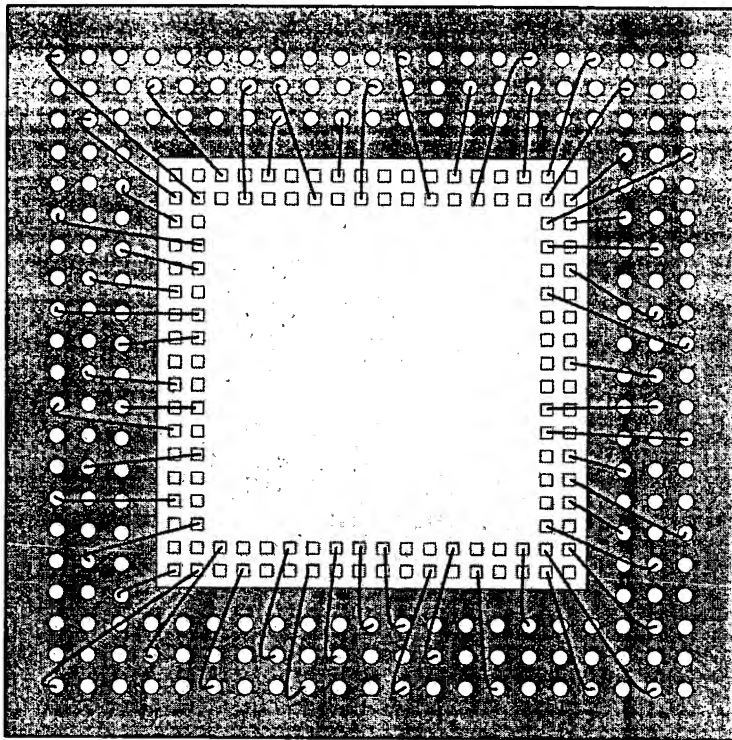


Fig. 11b

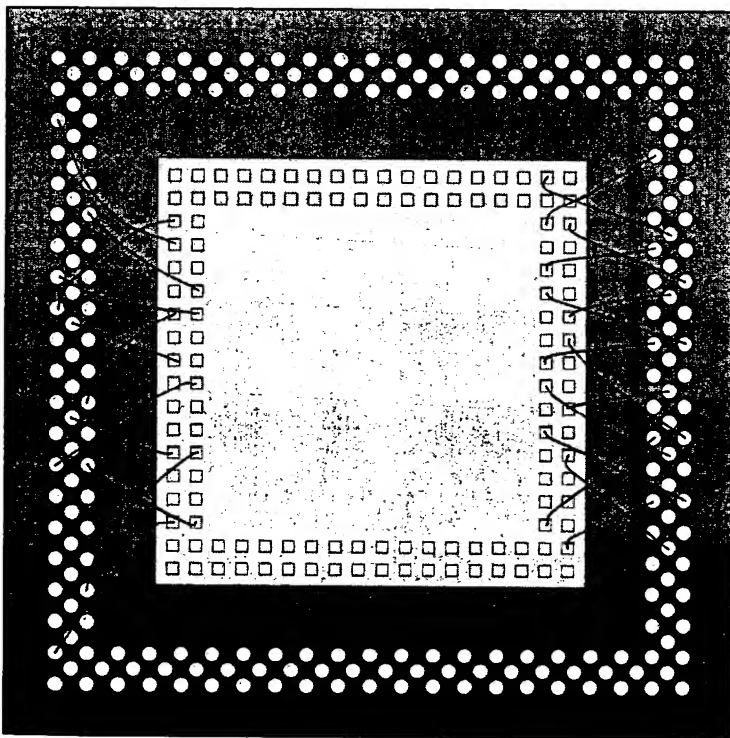


Fig 11a

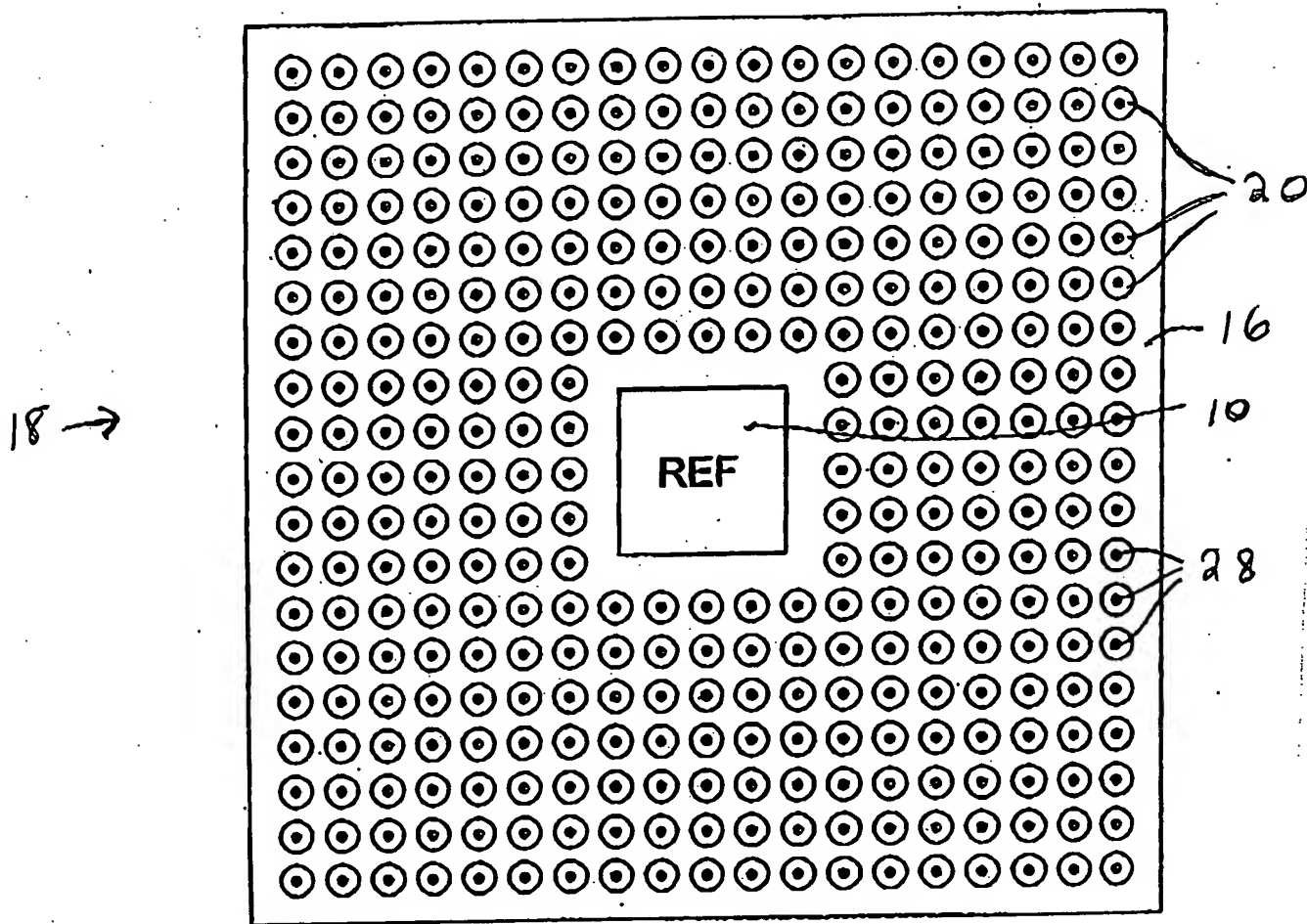


Fig. 12